Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP \_\_\_\_\_\_\_\_

CW#20H: Reflections across y=x and y =-x

Honors Geometry

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| Graph of the image of the figure using the transformation given and label the coordinates. | |
| 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-03 at 5.18.04 PM.pngReflection across: a) y = x b) y = -x | 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-03 at 5.24.45 PM.pngReflection across: a) y = x b) y = -x |
| 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 11.45.15 AM.pngReflection across: a) y = x b) y = -x | 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 11.45.26 AM.pngReflection across: a) y = x b) y = -x |
| 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-03 at 5.25.47 PM.pngReflection across y = x | 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 11.48.34 AM.pngReflection across y = -x |

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| Find the line that each point was reflected across. Explain your reasoning in at least 1 sentence. | |
| 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 11.31.38 AM.png | 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 11.31.52 AM.png |
| 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 11.52.25 AM.png | 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 11.52.45 AM.png |

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| Graph the image of the figure using the transformation given and label the coordinates. | |
| Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 12.01.43 PM.pngFind the image of the line segment after it is reflected across y = x  A  B  B  A | Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 12.01.21 PM.pngFind the image of the line segment after it is reflected across y = -x  C  D |